

Met Arg Leu Gln Ala Arg Gly Gly Pro Ser Pro Leu Lys Ser Asn  
665 670 675

Ser Asp Ser Ala Arg Leu Pro Ile Ser Ser Gly Ser Thr Ser Ser  
680 685 690

Ser Arg Ile

<210> 484

<211> 516

<212> DNA

<213> Homo sapiens

<220>

<221> unsure

<222> 68, 70, 84, 147

<223> unknown base

<400> 484

tgcctggcct gccttgtcaa caatgccgct tactctgctt ccagggtgcc 50

ctgccttgca gaggaaancn tcgggactac accntcaagt gcacatgaac 100

ctgctgctgg ccgtcttccct gctggacacg agcttcctgc tcagcgnagc 150

cgggtggccct gacaggctct gaaggctggc tgccgagcca gtgccatctt 200

cctgcacttc tctgctcac ctgcctttcc tggatgggcc tcgaggggta 250

caacctctac cgactcgtgg tggaggtctt tggcacctat gtccctggct 300

acctactcaa gctgagcgcc atgggctggg gcttcccat ctttctggtg 350

acgctgggtg ccctgggtgga tgtggacaac tatggcccca tcatcttggc 400

tgtgcatagg actccagagg gcgtcatcta cccttccatg tgctggatcc 450

gggactccct ggtcagctac atcaccaacc tgggcctctt cagcctgggtg 500

tttctgttca acatgg 516

<210> 485

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide probe

<400> 485

ggcattggag cagtgctggg tg 22

<210> 486

<211> 24

<212> DNA

<213> Artificial Sequence

<220>  
<223> Synthetic oligonucleotide probe

<400> 486  
tggaggccta gatgcggtg gacg 24

<210> 487  
<211> 2849  
<212> DNA  
<213> Homo sapiens

<220>  
<221> unsure  
<222> 2715  
<223> unknown base

<400> 487  
cggacgcgtg ggcggacgcg tgggcggacg cgtgggcgga cgcgtgggct 50  
ggttcaggtc caggttttgc tttgatcctt ttcaaaaact ggagacacag 100  
aagagggctc taggaaaaag ttttggatgg gattatgtgg aaactaccct 150  
gcgattctct gctgccagag caggctcggc gcttccaccc cagtgcagcc 200  
ttcccctggc ggtggtgaaa gagactcggg agtcgctgct tccaaagtgc 250  
ccgccgtgag tgagctctca cccagtcag ccaaattgagc ctcttcgggc 300  
ttctcctgct gacatctgcc ctggccggcc agagacaggg gactcaggcg 350  
gaatccaacc tgagtagtaa attccagttt tccagcaaca aggaacagaa 400  
cggagtacaa gatcctcagc atgagagaat tattactgtg tctactaatg 450  
gaagtattca cagcccaagg tttcctcata cttatccaag aaatacgggtc 500  
ttggtatgga gattagtagc agtagaggaa aatgtatgga tacaacttac 550  
gtttgatgaa agatttgggc ttgaagaccc agaagatgac atatgcaagt 600  
atgattttgt agaagttgag gaaccacgtg atggaactat attagggcgc 650  
tggtgtggtt ctggtactgt accaggaaaa cagatttcta aaggaaatca 700  
aattaggata agatttgtat ctgatgaata ttttccttct gaaccagggt 750  
tctgcatcca ctacaacatt gtcatgccac aattcacaga agctgtgagt 800  
ccttcagtgc tacccttctc agctttgcca ctggacctgc ttaataatgc 850  
tataactgcc tttagtagct tggaagacct tattcgatat cttgaaccag 900  
agagatggca gttggactta gaagatctat ataggccaac ttggcaactt 950  
cttggcaagg cttttgtttt tggaagaaaa tccagagtgg tggatctgaa 1000  
ccttctaaca gaggaggtaa gattatacag ctgcacacct cgtaacttct 1050

cagtgtccat aaggaagaa ctaaagagaa cggataccat tttctggcca 1100  
 gggtgtctcc tgggttaaag ctgtggtggg aactgtgcct gttgtctcca 1150  
 caattgcaat gaatgtcaat gtgtcccaag caaagttact aaaaaatacc 1200  
 acgaggtcct tcagttgaga ccaaagaccg gtgtcagggg attgcacaaa 1250  
 tcactcaccg acgtggccct ggagcaccat gaggagtgtg actgtgtgtg 1300  
 cagagggagc acaggaggat agccgcacat ccaccagcag ctcttgccca 1350  
 gagctgtgca gtgcagtggc tgattctatt agagaacgta tgcgttatct 1400  
 ccattcctta tctcagttgt ttgcttcaag gacctttcat cttcaggatt 1450  
 tacagtgcac tctgaaagag gagacatcaa acagaattag gagttgtgca 1500  
 acagctcttt tgagaggagg cctaaaggac aggagaaaag gtcttcaatc 1550  
 gtggaaagaa aattaaatgt tgtattaaat agatcaccag ctagtttcag 1600  
 agttaccatg tacgtattcc actagctggg ttctgtatit cagttctttc 1650  
 gatacggcct agggtaatgt cagtacagga aaaaaactgt gcaagtgagc 1700  
 acctgattcc gttgccttgc ttaactctaa agctccatgt cctgggccta 1750  
 aaatcgtata aaatctggat tttttttttt ttttttgctc atattcacat 1800  
 atgtaaacca gaacattcta tgtactacaa acctggtttt taaaaaggaa 1850  
 ctatgttgct atgaattaaa cttgtgtcat gctgatagga cagactggat 1900  
 ttttcatatt tcttattaaa atttctgcca tttagaagaa gagaactaca 1950  
 ttcattggtt ggaagagata aacctgaaaa gaagagtggc cttatcttca 2000  
 ctttatcgat aagtcagttt atttgtttca ttgtgtacat ttttatattc 2050  
 tccttttgac attataactg ttggcttttc taatcttggt aaatatatct 2100  
 atttttacca aaggatttta atattctttt ttatgacaac ttagatcaac 2150  
 tatttttagc ttggtaaatt tttctaaaca caattgttat agccagagga 2200  
 acaaagatga tataaaatat tgttgctctg acaaaaatac atgtatttca 2250  
 ttctcgtatg gtgctagagt tagattaatc tgcattttta aaaactgaat 2300  
 tggaatagaa ttggtaagtt gcaaagactt ttgaaaata attaaattat 2350  
 catatcttcc attcctgtta ttggagatga aaataaaaag caacttatga 2400  
 aagtagacat tcagatccag ccattactaa cctattcctt ttttggggaa 2450  
 atctgagcct agctcagaaa aacataaagc accttgaaaa agacttggca 2500